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LOWRIE, LANDO  
& ANASTASI, LLP  
*Dedicated to Intellectual Property Law*

Date June 4, 2004

Number of pages (including cover): 12

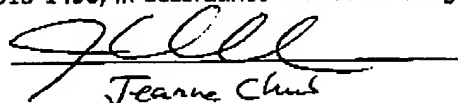
**F A X C O V E R**

\*\*\*\*\*OFFICIAL FAX\*\*\*\*\*

To Office of Initial Patent Examination  
Company United States Patent and Trademark Office  
Serial No.: 10/712,685  
Title: WATER TREATMENT SYSTEM AND METHOD  
Fax 703.746-9195  
From Peter C. Lando  
Direct dial 617-395-7002  
Our File # I0168-7080.19

**CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. § 1.8(a)**

The undersigned hereby certifies that this document is being transmitted via facsimile to the attention of the Office of Initial Patent Examination, FAX number 703-746-9195, at the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, in accordance with 37 C.F.R. § 1.6(d), on the 4 day of June, 2004.

  
Jeanne Chub

ORIGINAL DOCUMENTS WILL NOT BE MAILED.

Message: Transmitted herewith is a cover fax sheet; transmittal letter in duplicate; Request for Corrected Filing Receipt with enclosures.

Attorney Docket No.: I0168-7080.19

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

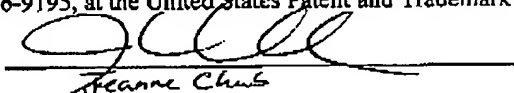
Applicant: Evgeniya Freydina et al.  
Serial No: 10/712,685  
Confirmation No: 9109  
Filed: November 13, 2003  
For: WATER TREATMENT SYSTEM AND METHOD  
Examiner: Not assigned  
Art Unit: 1724

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**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8(a)**

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The undersigned hereby certifies that this document is being transmitted via facsimile to the Office of Initial Patent Examination, at FAX number 703-746-9195, at the United States Patent and Trademark Office on the 4 day of June, 2004.

  
Jeanne Chub

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Office of Initial Patent Examination  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are the following documents:

- ☒ Request for Corrected Filing Receipt
- ☒ Copy of Filing Receipt with correction noted in red
- ☒ Copies of the Patent Application Transmittal Letter, postcard, and express mailing label

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 395-7000.

A check is not enclosed. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 50/0214. A duplicate of this sheet is enclosed.

Respectfully submitted,  
Evgeniya Freydina et al., Applicants

By: 

Peter C. Lando, Reg. No. 34,654  
Elias Domingo, Reg. No. 52,827  
LOWRIE, LANDO & ANASTASI, LLP  
Riverfront Office Park  
One Main Street  
Cambridge, MA 02142  
(617) 395-7000

Date: June 4, 2004

744015.1

Attorney Docket No.: I0168-7080.19

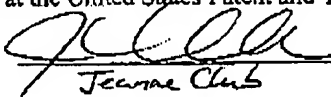
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Evgeniya Freydina et al.  
Serial No: 10/712,685  
Confirmation No: 9109  
Filed: November 13, 2003  
For: WATER TREATMENT SYSTEM AND METHOD  
Examiner: Not assigned  
Art Unit: 1724

---

**CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being transmitted via facsimile to the Office of Initial Patent Examination, at FAX number 703-746-9195, at the United States Patent and Trademark Office on the 4 day of June, 2004.

  
\_\_\_\_\_  
Jerome Clark

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Office of Initial Patent Examination  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

This is a request for correction of the enclosed Official Filing Receipt dated May 21, 2004, in connection with the above-identified application. The filing date was incorrectly listed as "November 12, 2003". Applicants respectfully request correction to list the filing date as "November 13, 2003" on the Corrected Official Filing Receipt.

In support of the above Request, a copy of the patent application transmittal letter, postcard, and express mailing label are enclosed as proof of the filing date.

Also, in support of the above Request, a copy of the Updated Official Filing Receipt Document is enclosed with the correction noted in red.

It is respectfully requested that a Corrected Official Filing Receipt be issued reflecting the correction of the above-noted error.

Serial No.: 10/712,685

- 2 -

Attorney Docket No. I0168-7080.19

No fee is due. If there is a fee occasioned by this request, please charge the fee to  
Deposit Account 50/0214.

Respectfully submitted,  
*Evgeniya Freydina, et al., Applicants*

By: 

Peter C. Lando, Reg. No. 34,654  
Elias Domingo, Reg. No. 52,827  
LOWRIE, LANDO & ANASTASI, LLP  
One Main Street  
Cambridge, Massachusetts 02142  
Telephone: 617-395-7000  
Facsimile: 617-395-7070

Date: June 4, 2004



## UNITED STATES PATENT AND TRADEMARK OFFICE

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 Page 1 of 2  
 Reviewed by  
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 UNITED STATES DEPARTMENT OF COMMERCE  
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 Address: COMMISSIONER FOR PATENTS  
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/712,685	11/13/2003 <del>11/12/2003</del>	1724	892	10168-7080.19	3	22	4

 37462  
 LOWRIE, LANDO & ANASTASI  
 RIVERFRONT OFFICE  
 ONE MAIN STREET, ELEVENTH FLOOR  
 CAMBRIDGE, MA 02142

CONFIRMATION NO. 9109

UPDATED FILING RECEIPT

\*OC000000012741578\*

Date Mailed: 05/21/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

 Evgeniya Freydina, Acton, MA;  
 Anil D. Jha, Lincoln, MA;  
 Frederick Wilkins, Pepperell, MA;  
 Aytac Sezgi, Bedford, NH;  
 Reshma Madhusudan, Arlington Heights, IL;

## Assignment For Published Patent Application

United States Filter Corporation, Palm Desert, CA;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted: 02/24/2004

Projected Publication Date: 05/12/2005

Non-Publication Request: No

Early Publication Request: No

**Title**

Water treatment system and method

**Preliminary Class**

210

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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<b>CUSTOMER USE ONLY</b> METHOD OF PAYMENT Express Mail Certificate Acct. No. 50168-708019 FROM: PLEASE PRINT Elias Domingo, Esq. LOWRIE, LANDO & ANASTASI 1 MAIN ST STE 11 RIVERFRONT OFFICE PARK CAMBRIDGE MA 02142-1517		Registered Agency Acct. No. or Postal Service Acct. No. TO: (PLEASE PRINT) PHONE MAILSTOP Patent Application COMMISSIONER FOR PATENTS PO BOX 1450 ALEXANDRIA VA 22313-1450		
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Serial No. \_\_\_\_\_ File No. 10168-7080-19 By: ED  
 Title: Water Treatment System and Method  
 Application of Evgeniya Freydina et al. Date: \_\_\_\_\_  
 The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input checked="" type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)	<input type="checkbox"/> Provisional Application Cover Sheet
Express Mail Label No. <u>EV307782795US</u>	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input checked="" type="checkbox"/> Patent Application	<input type="checkbox"/> Inf. Disc. Statement, PTO Form 1449
<input checked="" type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional	<input type="checkbox"/> References Cited
Incl. <u>24</u> pages, ( <u>50</u> pgs) Specification,	<input type="checkbox"/> Priority Document(s) # _____
( <u>3</u> pgs) Abstract, ( <u>3</u> pgs) Claims ( <u>22</u> # claims)	<input type="checkbox"/> Copy of Notice to File Missing Parts
<input checked="" type="checkbox"/> Design Patent Application	<input type="checkbox"/> Amendment/Response
Declaration(s) <u>Executed</u>	<input type="checkbox"/> Petition for Ext. of Time (x2)
<input checked="" type="checkbox"/> Drawings <u>3</u> Sheet(s) (FIGS. <u>1-3</u> )	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal	<input type="checkbox"/> Letter to Official Draftsperson
<input checked="" type="checkbox"/> Utility Patent Application Transmittal	<input type="checkbox"/> Notice of Appeal
Fee calculation sheet (x2)	<input type="checkbox"/> Brief (x3)
CPA Transmittal	<input type="checkbox"/> Check for \$ _____ Check # _____
<input checked="" type="checkbox"/> Verified Statement claiming small entity status	<input type="checkbox"/> Transmittal Letter (x2)
Assignment and Cover Sheet	<input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)
<input checked="" type="checkbox"/> Other <u>Application Data Sheet</u>	

DATE MAILED November 13 2003

EV307782795US

Serial No. \_\_\_\_\_ File No. 10168-7080-19 By: ED  
 Title: Water Treatment System and Method  
 Application of Evgeniya Freydina et al. Date: \_\_\_\_\_  
 The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

<input checked="" type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)	<input type="checkbox"/> Provisional Application Cover Sheet
Express Mail Label No. <u>EV307782795US</u>	<input type="checkbox"/> Multiple Dependent Claim Fee Sheet
<input checked="" type="checkbox"/> Patent Application	<input type="checkbox"/> Inf. Disc. Statement, PTO Form 1449
<input checked="" type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional	<input type="checkbox"/> References Cited
Incl. <u>24</u> pages, ( <u>50</u> pgs) Specification,	<input type="checkbox"/> Priority Document(s) # _____
( <u>3</u> pgs) Abstract, ( <u>3</u> pgs) Claims ( <u>22</u> # claims)	<input type="checkbox"/> Copy of Notice to File Missing Parts
<input checked="" type="checkbox"/> Design Patent Application	<input type="checkbox"/> Amendment/Response
Declaration(s) <u>Executed</u>	<input type="checkbox"/> Petition for Ext. of Time (x2)
<input checked="" type="checkbox"/> Drawings <u>3</u> Sheet(s) (FIGS. <u>1-3</u> )	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Formal <input checked="" type="checkbox"/> Informal	<input type="checkbox"/> Letter to Official Draftsperson
<input checked="" type="checkbox"/> Utility Patent Application Transmittal	<input type="checkbox"/> Notice of Appeal
Fee calculation sheet (x2)	<input type="checkbox"/> Brief (x3)
CPA Transmittal	<input type="checkbox"/> Check for \$ _____ Check # _____
<input checked="" type="checkbox"/> Verified Statement claiming small entity status	<input type="checkbox"/> Transmittal Letter (x2)
Assignment and Cover Sheet	<input type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)
<input checked="" type="checkbox"/> Other <u>Application Data Sheet</u>	

22154 U.S. PTO

10/712685

DATE MAILED November 13 2003

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**COPY**

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Docket No.	10168-7080.19
	First Named Inventor or Application Identifier	
	Evgeniya Freydnina, et al.	
	Express Mail Label No.	EV 307782795 US
	Date of Deposit	November 13, 2003

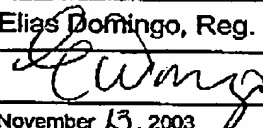
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input checked="" type="checkbox"/> Fee Calculation Sheet <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total pages 24] (20)- pages description (1)- pages abstract (3)- pages claims                      [22] - Total claims 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total sheets 3] 5. <input checked="" type="checkbox"/> Oath or Declaration [Total sheets 8] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application Serial No.: _____ i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). If box 5b is checked, the entire disclosure of the prior application from which the oath or declaration is supplied is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 6. <input checked="" type="checkbox"/> Application Data Sheet, See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R, in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies <b>ACCOMPANYING APPLICATION PARTS</b> 9. <input checked="" type="checkbox"/> Assignment Papers/cover sheet & documents(s) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation of Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Request and Certification Under 35 U.S.C. §122(b)(2)(B)(ii) 17. <input type="checkbox"/> Other: _____ _____ _____

732319.1

Attorney Docket No. 10168- 7080.19

Inventor(s): Evgeniya Freydina, et al.  
Serial No: Not yet assigned  
Filed: Herewith  
For: WATER TREATMENT SYSTEM AND METHOD

18. CORRESPONDENCE ADDRESS
Correspondence address below
Customer Number: 37462

19. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Elias Domingo, Reg. No. 52,827
SIGNATURE	
DATE	November 13, 2003

732319.1

Attorney Docket No. 10168- 7080.19

Inventor(s): Evgeniya Freydina, et al.

Serial No: Not yet assigned

Filed: Herewith

For: WATER TREATMENT SYSTEM AND METHOD

CHECK BOX, if applicable:

☐ DUPLICATE

## Fee Calculation Sheet

CLAIMS	FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
	TOTAL CLAIMS (37 CFR 1.16(c))	22-20=	2x	\$ 18.00	= \$ 36.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	4-3=	1x	\$ 86.00	= \$ 86.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +			\$ 280.00	= \$ 0.00
				BASIC FEE (37 CFR 1.16(a))	\$ 770.00
	Fee for Petition for Extension of Time (if any)				\$ 0.00
	Other Fees (if any)				\$ 0.00
	Total of above Calculations =				\$ 892.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$ 0.00
	Assignment Recordation Fee (if any)				\$ 40.00
	TOTAL =				\$ 932.00

1. No check is enclosed. Please charge \$932.00 to Deposit Account No. 50/0214.

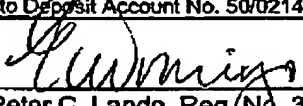
## General Authorization to Charge Deposit Account

The Commissioner is hereby authorized to act in accordance with the boxes checked, below.

2. a. ☒ If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ ☒ 1.16 or ☐ 1.17, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50/0214.
- b. ☒ The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ ☐ 1.16 ☐ 1.17 or ☒ 1.18.

## General Request for Extension of Time

3. If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due in such paper is in an amount different from any check enclosed with such paper or if no check is enclosed with such paper, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50/0214.

  
 Peter C. Lando, Reg. No. 34,654  
 Elias Domingo, Reg. No. 52,827  
 LOWRIE, LANDO & ANASTASI, LLP  
 Riverfront Office Park  
 One Main Street  
 Cambridge, Massachusetts, 02142  
 Tel. (617) 395-7000

Date: November 13, 2003

732319.1